



INSTRUCTION MANUAL

LED PARTYBAR

Stand or floor-mount LED par can kit

M A N U A L V E R S I O N 1 . 0

Date 17/1/2011

Superb colour wash effects
LED RGB lighting
Fully positional par cans
Complete with a lighting stand,
footswitch controller and carry bag
Compact slimline, low profile lights
Adjustable lighting stand
Built-in auto programs
Built-in sound activated programs
Two peddle footswitch for easy operation
DMX512 mode
Sound-to-Light mode
Master/Slave operation
75 LEDs per light

For the latest instruction manual updates and information on the entire Kam range visit:

www.kam.co.uk

Kam products are manufactured by: **Lamba plc**, Unit 1, Southfields Road, Dunstable, Bedfordshire, United Kingdom LU6 3EJ

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If this product is ever no longer functional please take it to a recycling plant for environmentally friendly disposal.

Due to continuous product development, specifications and appearance are subject to change.

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Thank you for purchasing this KAM product, we are sure that it will serve you for many years to come.

To optimise the performance of this product, please read these operating instructions carefully to familiarise yourself with the basic operations of this unit. After you have read the instructions, please retain them for future reference.

This unit has been tested at the factory before being shipped to you.

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture. To prevent a fire hazard, do not expose the unit to any naked flame sources. Unplug this apparatus during lightning storms or if it is unlikely to be used for long periods of time.

When installing the unit, please ensure you leave enough space around the unit for ventilation. Slots and openings in the unit are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered.

Always handle the power cable by the plug. Never pull out the plug by pulling on the cable. Never touch the power cable when your hands are wet as this could cause an electric shock. Do not tie a knot in the cable. The power cable should be placed such that it is not likely to be stepped on. A damaged power cable can cause a fire or give you an electrical shock. Check the power cord periodically, if you ever find that it is damaged, replace it before using the unit again. Contact your retailer for a replacement.

The voltage of the available power supply differs according to country or region. Be sure that the power supply voltage of the area where this unit is to be used meets the required written on the unit.



The lightning flash symbol inside a triangle is intended to alert the user to the presence high voltage within the unit's enclosure that may be of sufficient power to constitute a risk of electrical shock to persons.

Caution: to prevent the risk of electric shock, do not attempt to open the unit. No user-serviceable parts inside. Refer all servicing to qualified service personnel.

The exclamation mark inside a triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Any modification carried out on the unit may invalidate the unit's warranty.

If applicable, only use the stand, tripod or bracket specified or sold with the apparatus.

Select the installation location of your unit carefully. Avoid placing it in direct sunlight or locations subject to vibration and excessive dust. Do not use the unit where there are extremes in temperature (below 41°F / 5°C or exceeding 95°F / 35°C).

Unpacking and safety: Please unpack your new product carefully, your new product should reach you in perfect condition. Please check that no damage has occurred during transit. If any damage is found, do not operate your unit. Please contact the retailer you purchased it from immediately. If there is any damage to the mains cable do not use the device. Always disconnect the unit from the mains supply when carrying out any servicing or cleaning of the unit.

The serial number for this equipment should be located on the rear or underside of the unit. Please make a note of this number as you will need it for your warranty, it is a good idea to keep a copy of the serial number for your own records.

Footswitch operation (two way)

Auto

Press left pedal "Programs" to scroll through the auto programs and the static colours.

Blackout

Press right pedal "Blackout" to activate the Blackout function.

Sound

Press two pedals "Programs" & "Blackout" together to activate sound operation.

PEDAL	SUB-OPTION	FUNCTION
Programs	1 x press	Auto program-colour change
	2 x press	Auto program-colour fade
	3 x press	Red
	4 x press	Green
	5 x press	Blue
	6 x press	Cyan
	7 x press	Magenta
	8 x press	Yellow
	9 x press	White
BLACKOUT		Blackout

The unit will start up in sound mode when first powered ON.

The unit will cycle through the auto programs and static colours very rapidly if pedal "Programs" is held down. This will seem like a very fast auto program. When releasing the pedal, the fixture will stop on the program in the cycle.

After activating Blackout, pedal "Blackout" will NOT release the blackout setting. Press pedal "Programs" to activate Auto mode, or press two pedals simultaneously to activate Sound mode.

Operation

DMX Mode

This mode allows the unit to be controlled by any universal DMX controller.

- 1) Set the DIP switch 10 to ON position
- 2) Set the DMX starting address with one off the DIP switches 1 ~ 9

Auto Mode

This fixture has several built-in automatic programs.

- 1) Set the DIP switch 10 to OFF position and 9 to ON position.
- 2) Set the DIP switches 1-3 to select the speed of the auto programs.

Sound Mode

This fixture has several built-in automatic programs. To trigger these programs via sound, please set the DIP switch 10 to OFF position.

Master/Slave Operation without DMX controller

This mode allows for multiple devices to be controlled with a single footswitch or stand alone mode.

- 1) Set the master to sound mode or auto mode, or controlled by the footswitch
- 2) Set the DIP switch of the slaves 10 & 1 to ON position
- 3) NOTE ONLY ONE UNIT TO BE SET AS MASTER , ALL OTHER UNITS MUST BE SET TO SLAVE

Linking and control via a DMX controller (not supplied)

Each LED Partybar uses 15 DMX channels.

Using the dip switches you can set the DMX address as required.

If all units are to be controlled at the same time with the same function, set all units with the same DMX address. If individual control of each unit is required, each unit must have its own DMX address and the channels must not cross.

Example

Set unit 1 to address 001, set unit 2 to starting address 16 and so on. They must be at least 15 channels apart.

DMX Channel values

CHANNEL	VALUE	FUNCTION	
1	000-010	No Function	
	011-040	Auto 1	
	041-070	Auto 2	
	071-100	Auto 3	
	101-130	Auto 4	
	131-160	Auto 5	
	161-190	Auto 6	
	191-220	Auto 7	
	221-250	Auto 8	
	251-255	Sound Activated	
2	000-255	Dimmer 0% - 100%	
3	000-009	Strobe No Function	
	010-255	Strobe: Slow - Fast	
4	000-255	Red 0% - 100%	SPOT 1
5	000-255	Green 0% - 100%	
6	000-255	Blue 0% - 100%	
7	000-255	Red 0% - 100%	SPOT 2
8	000-255	Green 0% - 100%	
9	000-255	Blue 0% - 100%	
10	000-255	Red 0% - 100%	SPOT 3
11	000-255	Green 0% - 100%	
12	000-255	Blue 0% - 100%	
13	000-255	Red 0% - 100%	SPOT 4
14	000-255	Green 0% - 100%	
15	000-255	Blue 0% - 100%	

Specifications

Voltage	230V
Power Consumption	34 W
Operating Frequency	60Hz
Fuse	F 1 A, 250V
Light Source	LED, 300 (75 per light) (100 red, 100 green, 100 blue)
Coverage Angle	25 degrees
Dimensions	890 x 220 x 50 mm
Weight	6 Kg